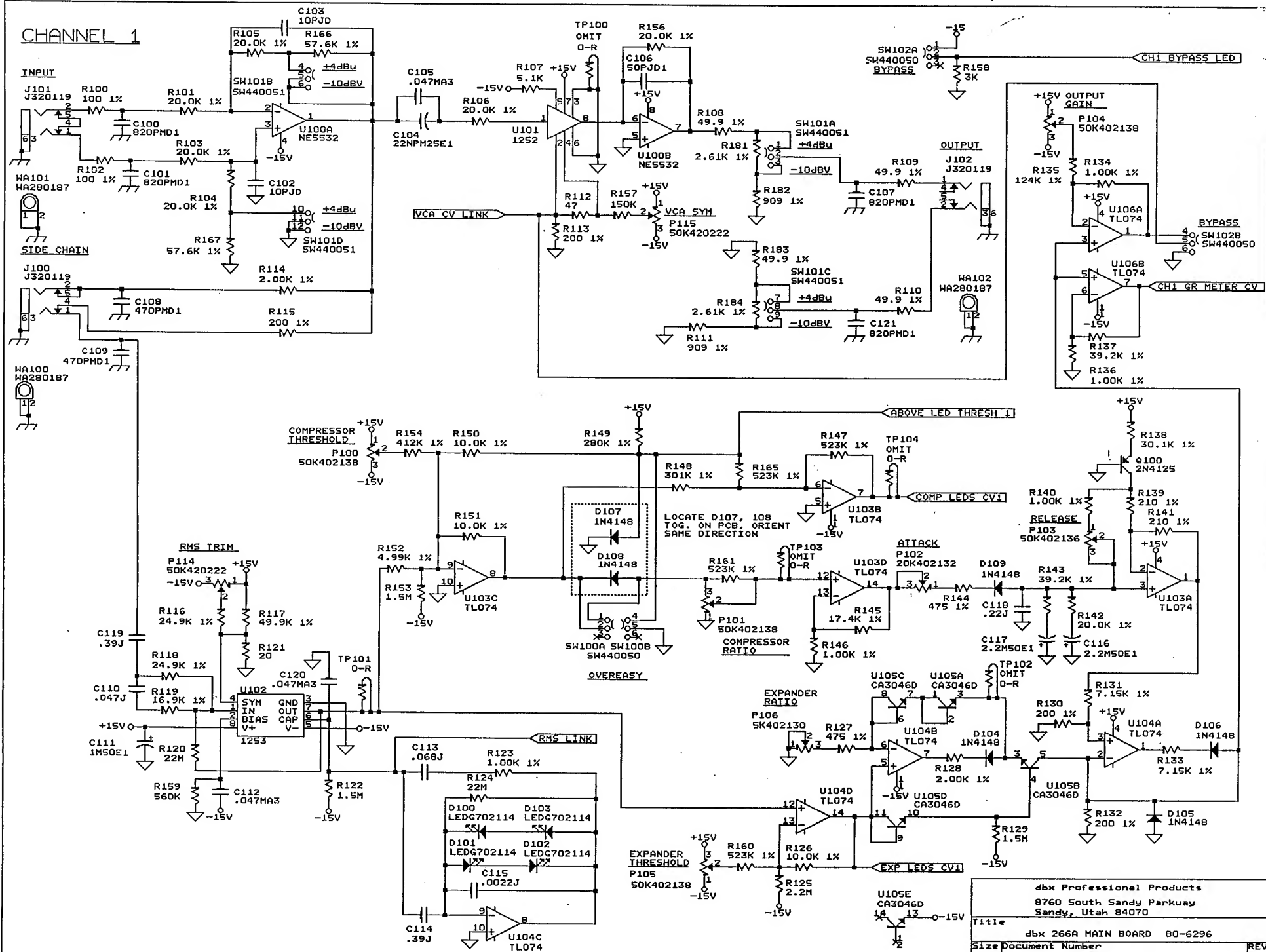
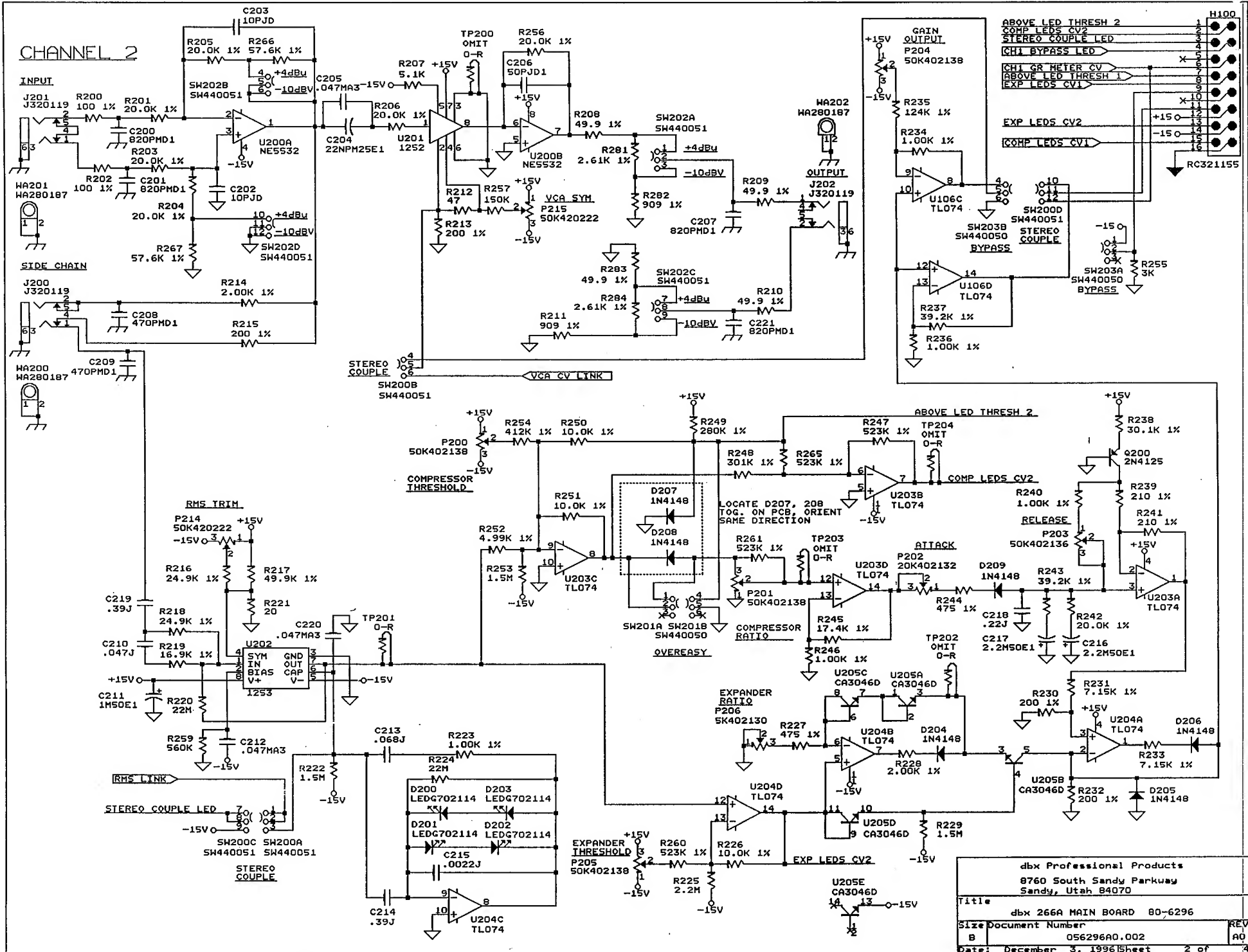
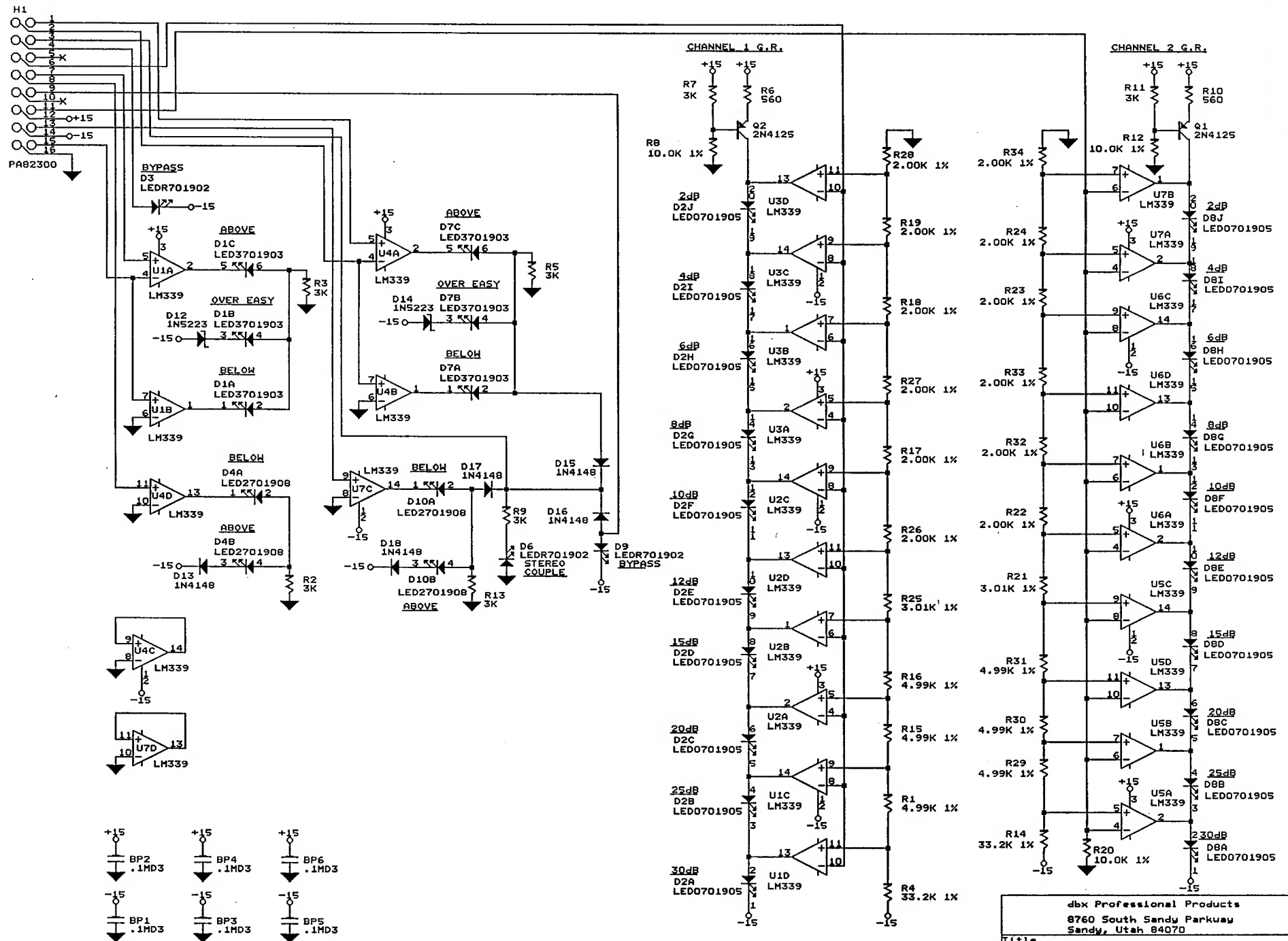


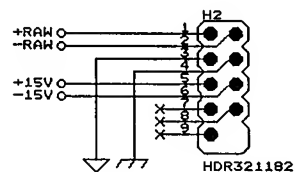
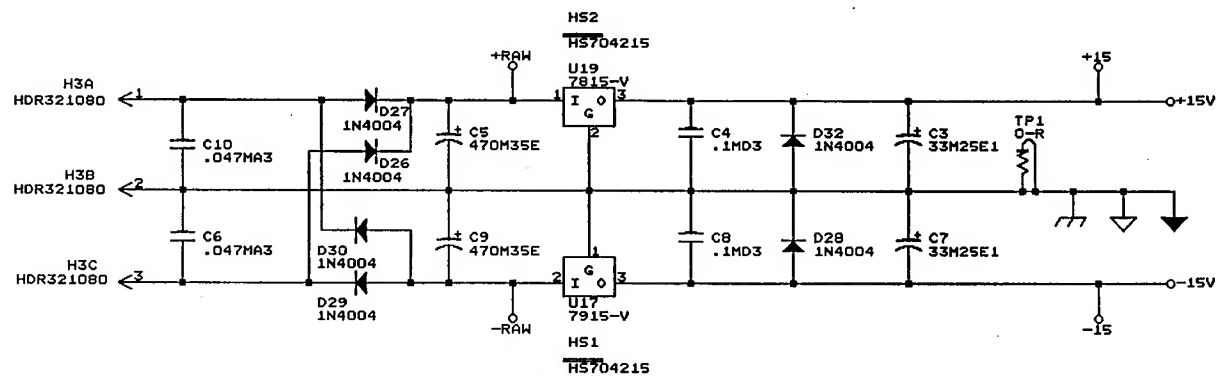
CHANNEL 1



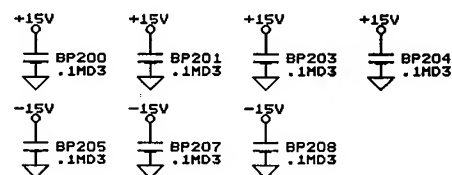
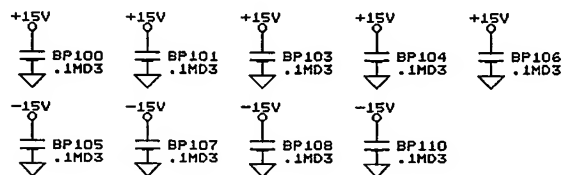




dbx Professional Products		
8760 South Sandy Parkway		
Sandy, Utah 84070		
Title	dbx 266A DISPLAY BOARD 80-6296	
Size	Document Number	REV
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Date:	December 12, 1996	Sheet 3 of 4



SC100 SC340125
 SC101 SC340125
 SC102 SC340125
 PCB1 80-6296-A
 SC200 SC340125
 SC201 SC340125
 SC202 SC340125
 SC203 SC340125
 HP1 HP300H156



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Description

24	BP1,BP2,BP3,BP4,C4,BP5, BP6,C8,BP100,BP101,BP103, BP104,BP105,BP106,BP107, BP108,BP110,BP200,BP201, BP203,BP204,BP205,BP207, BP208	.1MD3	62-0060	.1	uF Cap	50V	20%	Ceramic AXL
2	C3,C7	33M25E1	60-0401	33	uF Cap	25V	-20/+20%	Elect. Rad, T&R
2	C5,C9	470M35E	60-0060	470	uF Cap	35V	-20/+20%	Elect-S
8	C6,C10,C105,C112,C120, C205,C212,C220	.047MA3	62-0067	0.047	uF Cap	50V	20%	Axial Monolithic
8	C100,C101,C107,C121,C200, C201,C207,C221	820PMD1	62-0005	820	pF Cap	50V	20%	Ceramic Disc T&R
4	C102,C103,C202,C203	10PJD	62-0013	10	pF Cap	50V	5%	Ceramic Disc
2	C104,C204	22NPM25E1	60-0402	22	uF Cap	25V	-20/+20%	Elect. NP , T&R
2	C106,C206	50PJD1	62-0008	50	pF Cap	50V	5%	Ceramic Disc T&R
4	C108,C109,C208,C209	470PMD1	62-0003	470	pF Cap	50V	20%	Ceramic Disc T&R
2	C110,C210	.047J	56-0010	.047	uF Cap	50V	5%	Stacked Metal Pet 473J ammo
2	C111,C211	1M50E1	60-0044-01	1.0	uF Cap	50V	-20/+20%	Elect., T&R C&F
2	C113,C213	.068J	56-0011	.068	uF Cap	50V	5%	Stacked Metal Pet 683J ammo
4	C114,C119,C214,C219	.39J	56-0040	.39	uF Cap	50V	5%	Stacked Metal Pet 394J ammo
2	C115,C215	.0022J	56-0002	.0022	uF Cap	50V	5%	Poly Film 222J ammo
4	C116,C117,C216,C217	2.2M50E1	60-0400	2.2	uF Cap	50V	-20/+20%	Elect. Rad, T&R
2	C118,C218	.22J	56-0014	.22	uF Cap	50V	5%	Stacked Metal Pet 224J ammo
2	D1,D7	LED3701903	70-1903	LED ARRAY, Gn/Yl/Rd, RT. ANGLE, anti-tip housing				
2	D2,D8	LED0701905	70-1905	LED ARRAY, RED 10 POS, RT. ANGLE, anti-tip housing				
3	D3,D6,D9	LED701902	70-1902	LED Red, RT. ANGLE, anti-tip housing				
2	D4,D10	LED2701908	70-1908	LED ARRAY, Rd/Gn, RT. ANGLE, anti-tip housing				
2	D12,D14	1N5223	70-0041	1N5223 Diode Zener Glass, 1/2W, 50V, 10%				
17	D13,D15,D16,D17,D18,D104, D105,D106,D107,D108,D109, D204,D205,D206,D207,D208, D209	1N4148	70-0002	1N4148 Diode Silicon Switching, 75 Volts PIV				
6	D26,D27,D28,D29,D30,D32	1N4004	70-0009	1N4004 Rect 1A 400V				
8	D100,D101,D102,D103,D200, D201,D202,D203	LEDG702114	70-2114	Green Light Emitting Diode, T1 (AUTO INSERT)				
1	H1	PA82300	00-0000	8X2 Pin Pad Pattern, Not a part, .300 Spacing				
1	H2	HDR321182	32-1182	9 Pin Hdr, 5X2, Straight, .23", 0.1" spacing				
1	H3	HDR321080	32-1080	3 Pin Header, 0.1" spacing, 0.025" sq pins, Locking				
1	H100	RC321155	32-1155	16 Pin Cable, Flat, w/2 ends, 3.00", 0.1" spacing				
2	HS1,HS2	HS704215	70-4215	Heatsink, PCB Mount, Vert, for TO-220				
6	J100,J101,J102,J200,J201, J202	J320119	32-0119	1/4 Phone Jack, Hor. Mount, Full Nose Thread Slimline				
1	MP1	MP300H156	00-0000	This is not a part				
8	P100,P101,P104,P105,P200, P201,P204,P205	50K402138	40-2138	50	K "B"	16mm, Rot Pot,	15mm D shaft, 41 Click	
2	P102,P202	20K402132	40-2132	20	K "A"	16mm, Rot Pot,	15mm D shaft, 41 Click	
2	P103,P203	50K402136	40-2136	50	K "A"	16mm, Rot Pot,	15mm D shaft, 41 Click	
2	P106,P206	5K402130	40-2130	5	K "C"	16mm, Rot Pot,	15mm D shaft, 41 Click	
4	P114,P115,P214,P215	50K420222	42-0222	50	K Trim Pot,	Vertical	Mount, 3/4 turn	
1	PCB1	80-6296-A	80-6296-A	dbx 266AE MAIN PCB, RAW				
4	Q1,Q2,Q100,Q200	2N4125	70-1008	2N4125 PNP, Gen. Purp. Amplifier/Switching Xstr				
8	R1,R15,R16,R29,R30,R31,	4.99K 1%	52-0165	4.99 Kohm Resistor 1% 1/4 Watt Metal Film				

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Description

	R152,R252								
9	R2,R3,R5,R7,R9,R11,R13, R158,R255	3K	50-0211	3	KOhm Resistor	5%	1/4	Watt	Carbon Film
2	R4,R14	33.2K 1%	52-0082	33.2	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R6,R10	560	50-0193	560	Ohm Resistor	5%	1/4	Watt	Carbon Film
9	R8,R12,R20,R126,R150, R151,R226,R250,R251	10.0K 1%	52-0107	10.0	KOhm Resistor	1%	1/4	Watt	Metal Film
16	R17,R18,R19,R22,R23,R24, R26,R27,R28,R32,R33,R34, R114,R128,R214,R228	2.00K 1%	52-0186	2.00	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R21,R25	3.01K 1%	52-0125	3.01	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R100,R102,R200,R202	100 1%	52-0400	100	Ohm Resistor	1%	1/4	Watt	Metal Film
14	R101,R103,R104,R105,R106, R142,R156,R201,R203,R204, R205,R206,R242,R256	20.0K 1%	52-0091	20.0	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R107,R207	5.1K	50-0217	5.1	KOhm Resistor	5%	1/4	Watt	Carbon Film
8	R108,R109,R110,R183,R208, R209,R210,R283	49.9 1%	52-2006	49.9	Ohm Resistor	1%	1/4	Watt	Metal Film
4	R111,R182,R211,R282	909 1%	52-0313	909	Ohm Resistor	1%	1/4	Watt	Metal Film
2	R112,R212	47	50-0166	47	Ohm Resistor	5%	1/4	Watt	Carbon Film
8	R113,R115,R130,R132,R213, R215,R230,R232	200 1%	52-0376	200	Ohm Resistor	1%	1/4	Watt	Metal Film
4	R116,R118,R216,R218	24.9K 1%	52-0039	24.9	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R117,R217	49.9K 1%	52-0020	49.9	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R119,R219	16.9K 1%	52-0048	16.9	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R120,R124,R220,R224	22M	50-0307	22	MOhm Resistor	5%	1/4	Watt	Carbon Film
2	R121,R221	20	50-0157	20	Ohm Resistor	5%	1/4	Watt	Carbon Film
6	R122,R129,R153,R222,R229, R253	1.5M	50-0053	1.5	MOhm Resistor	5%	1/4	Watt	Carbon Film
10	R123,R134,R136,R140,R146, R223,R234,R236,R240,R246	1.00K 1%	52-0133	1.00	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R125,R225	2.2M	50-0282	2.2	MOhm Resistor	5%	1/4	Watt	Carbon Film
4	R127,R144,R227,R244	475 1%	52-0340	475	Ohm Resistor	1%	1/4	Watt	Metal Film
4	R131,R133,R231,R233	7.15K 1%	52-0113	7.15	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R135,R235	124K 1%	52-0296	124	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R137,R143,R237,R243	39.2K 1%	52-0079	39.2	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R138,R238	30.1K 1%	52-0083	30.1	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R139,R141,R239,R241	210 1%	52-0373	210	Ohm Resistor	1%	1/4	Watt	Metal Film
2	R145,R245	17.4K 1%	52-0047	17.4	KOhm Resistor	1%	1/4	Watt	Metal Film
8	R147,R160,R161,R165,R247, R260,R261,R265	523K 1%	52-0237	523	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R148,R248	301K 1%	52-0259	301	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R149,R249	280K 1%	52-0262	280	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R154,R254	412K 1%	52-0247	412	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R157,R257	150K	50-0038	150	KOhm Resistor	5%	1/4	Watt	Carbon Film
2	R159,R259	560K	50-0269	560	KOhm Resistor	5%	1/4	Watt	Carbon Film
4	R166,R167,R266,R267	57.6K 1%	52-0018	57.6	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R181,R184,R281,R284	2.61K 1%	52-0127	2.61	KOhm Resistor	1%	1/4	Watt	Metal Film
7	SC100,SC101,SC102,SC200, SC201,SC202,SC203	SC340125	34-0125		Switch Cap, Black				
4	SW100,SW102,SW201,SW203	SW440050	44-0050		Mini In/Out DPDT Switch (6 Pin) E-Switch				
3	SW101,SW200,SW202	SW440051	44-0051		Mini In/Out 4PDT Switch (12 Pin) E-Switch				

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Description

3	TP1,TP101,TP201	0-R	50-0317	0 Ohm Resistor 5% 1/4 Watt Carbon Film Radial T&R
8	TP100,TP102,TP103,TP104, TP200,TP202,TP203,TP204	OMIT	00-0000	This part has been omitted
7	U1,U2,U3,U4,U5,U6,U7	LM339	72-4053	Quad Comparator
1	U17	7915-V	70-4124	7915 -15 Volt 1 A Voltage Regulator TO-220 VERT
1	U19	7815-V	70-4123	7815 +15 Volt 1 A Voltage Regulator TO-220 VERT
2	U100,U200	NE5532	72-4316	5532 Low Noise Dual Op-Amp
2	U101,U201	1252	72-4062	VCA, dbx UPC1252HA2 NEC Ungraded
2	U102,U202	1253	72-4067	RMS Detector,dbx UPC1253HA2 NEC
5	U103,U104,U106,U203,U204	TL074	72-4021	Quad JFet-Input Op-Amp
2	U105,U205	CA3046D	72-4321	CA3046 Matched Transister Pairs BPO
6	WA100,WA101,WA102,WA200, WA201,WA202	WA280187	28-0187-A	Washer, for grounding J320119